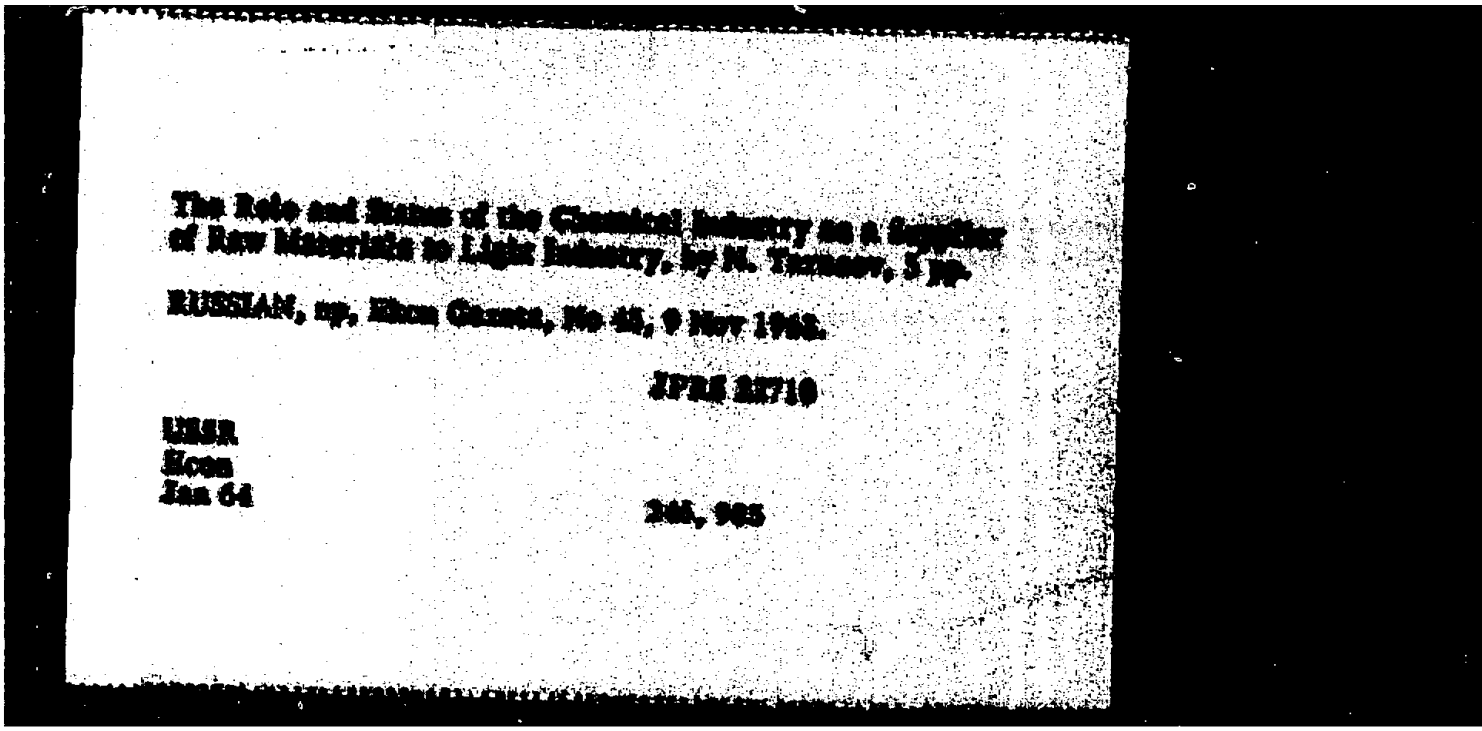
APPROVED FOR RELEASE: 2005/08/10 CIA-RDP91-00929R000100030058-5



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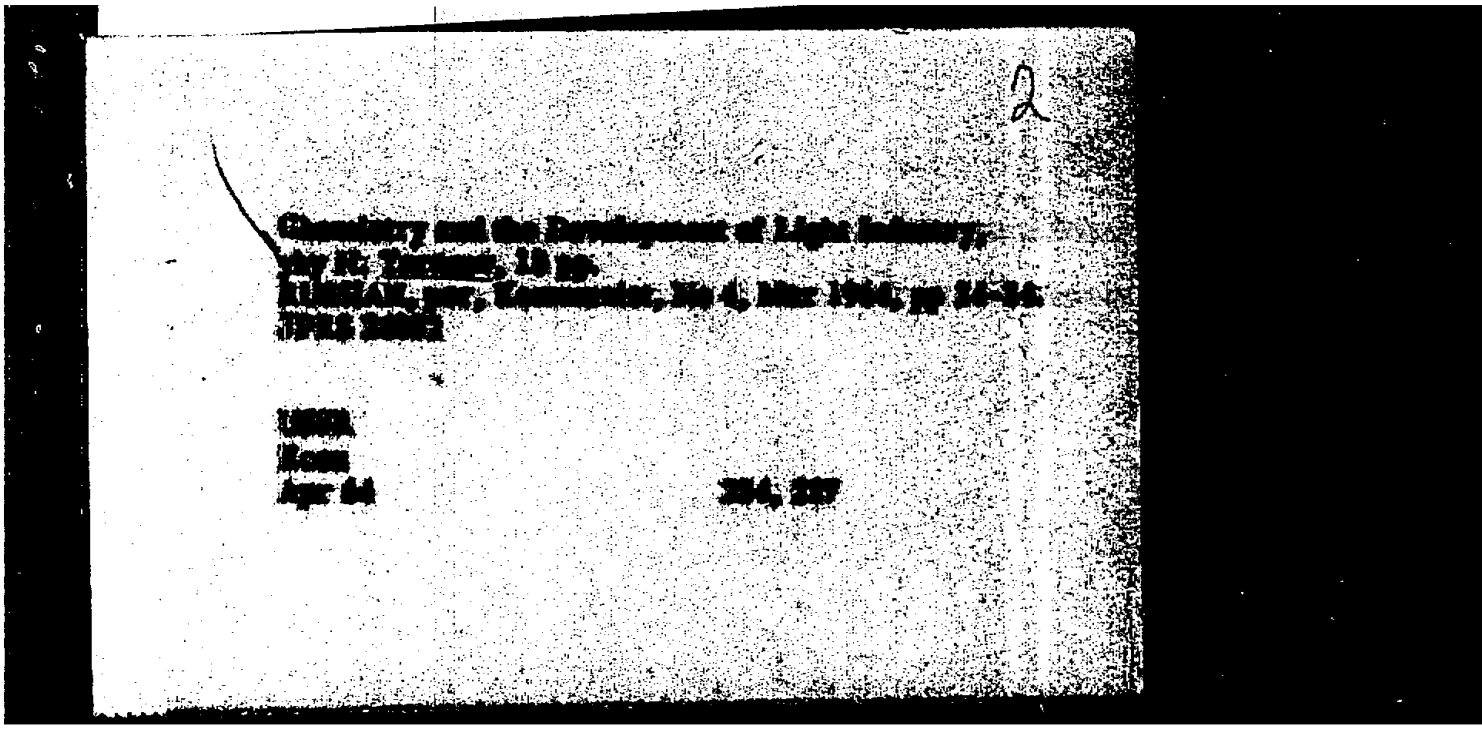

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Trans. of [Kurs Vysshei Matematiki dlya Tekhnikumov [11th. ed.] Moscow, 1959.

DESCRIPTORS: *Mathematics, Training, Universities, Education.

(Mathematics, TT, v. 7, no. 9)

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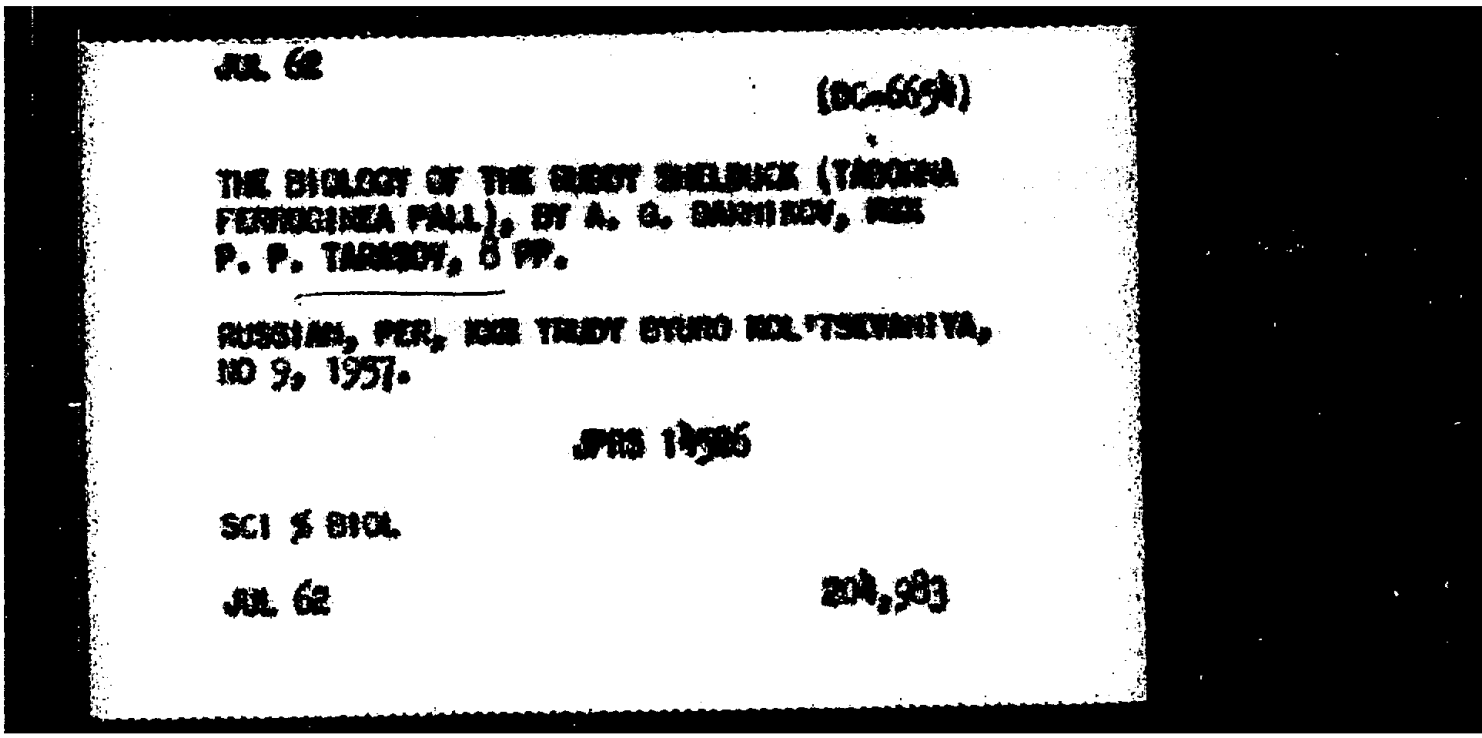

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JPRS 1[illegible]

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Trans. of Zoologicheskiy Zhurnal (USSR) 1960, v. 39, no. 7, p. 1062-1068.

An analysis of the living conditions of various species and of intraspecific relations deduced therefrom leads to the conclusion that the biological function of musk glands in mammals is not a sexual one (for attracting or stimulating females) as has been stated in zoological literature, but consists in proclaiming the occupation of territory. Thus competition is lessened and a more uniform spatial distribution of individuals is achieved. The sexual significance of the musk glands is a secondary function, analogous to the function of antlers and tusks, which doubtless originated in competition be-
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3. Title: Scent glands
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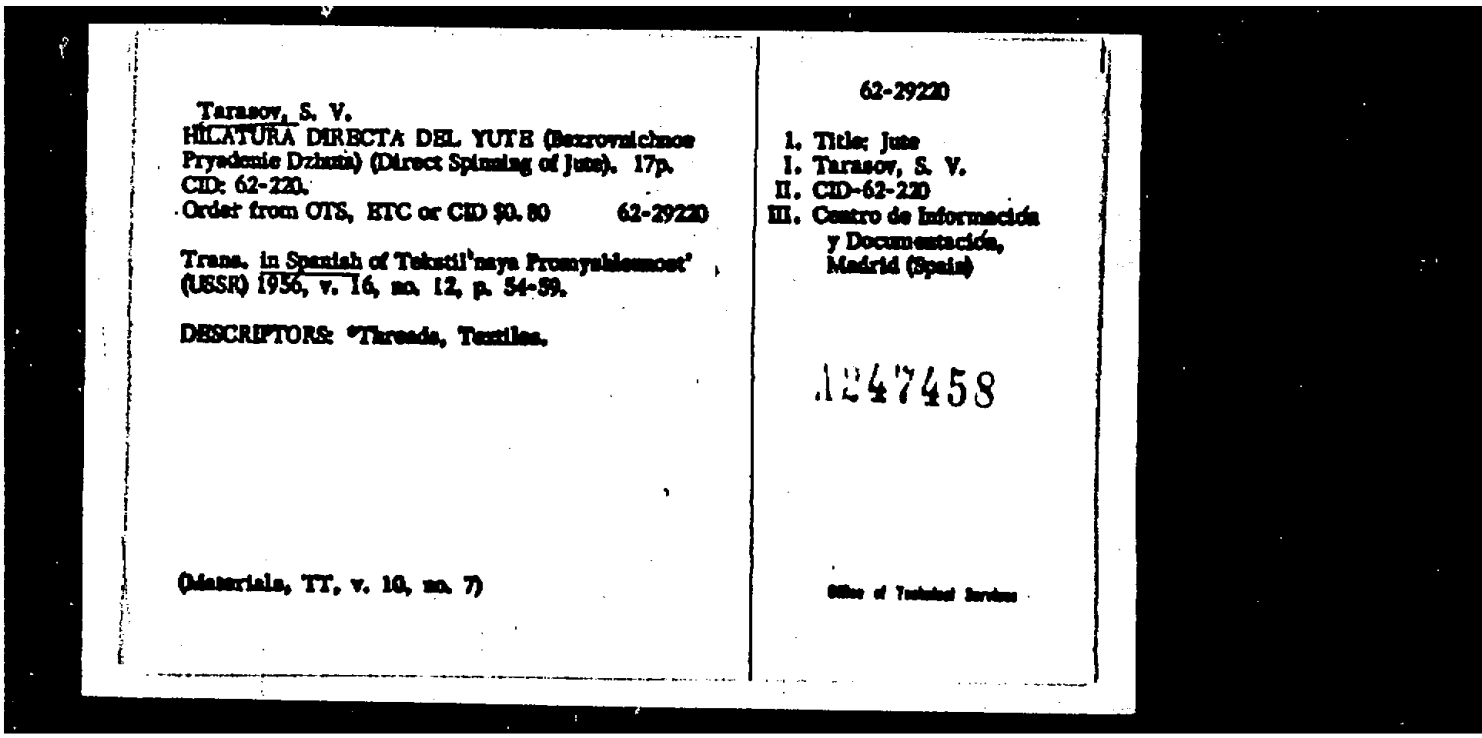

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CID: 62-220.
Order from OTS, ETC or CID $0.80 62-29220

Trans. in Spanish of Tekstil'naya Promyshlennost' (USSR) 1956, v. 16, no. 12, p. 54-59.

DESCRIPTORS: *Threads, Textiles.

(Materials, TT, v. 10, no. 7)

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1. Title: Jute
I. Tarasov, S. V.
II. CID-62-220
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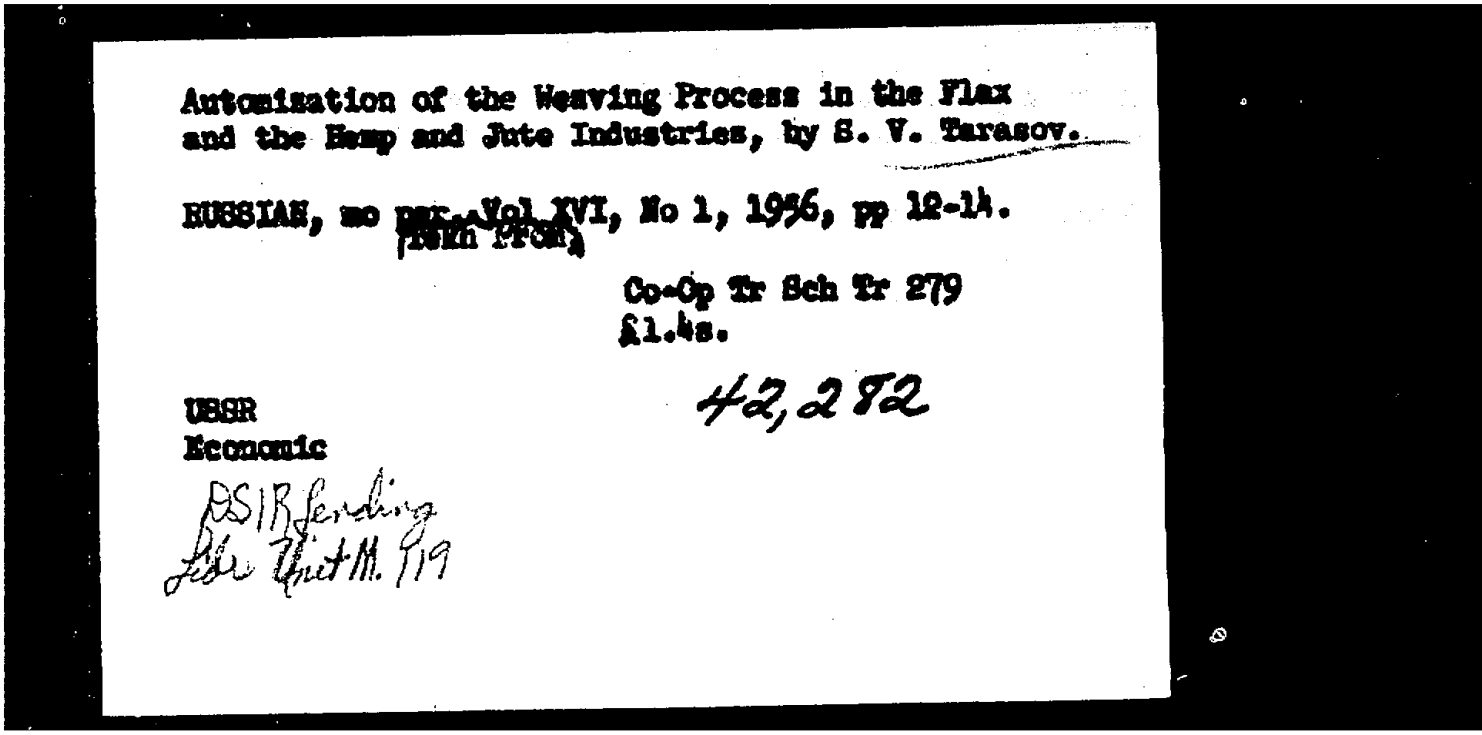

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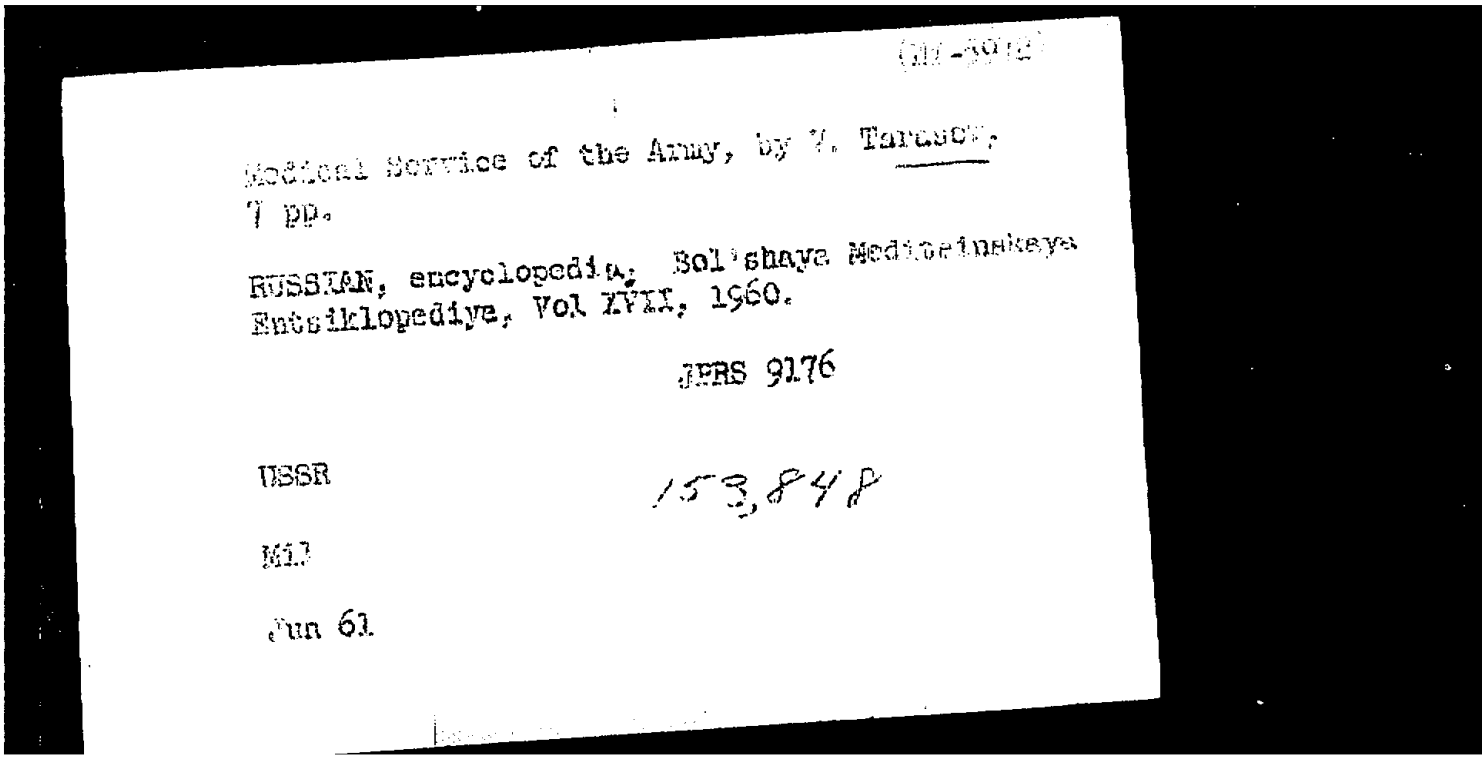

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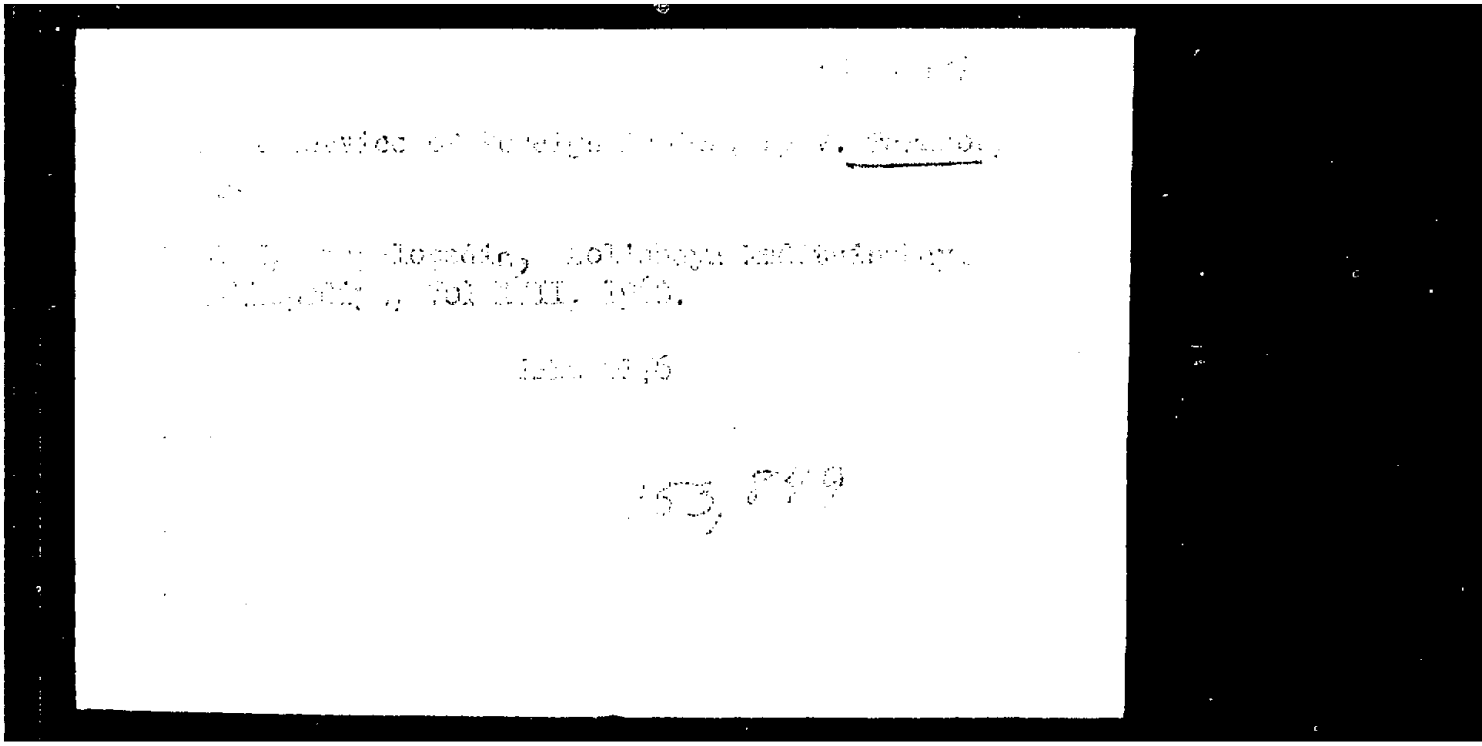

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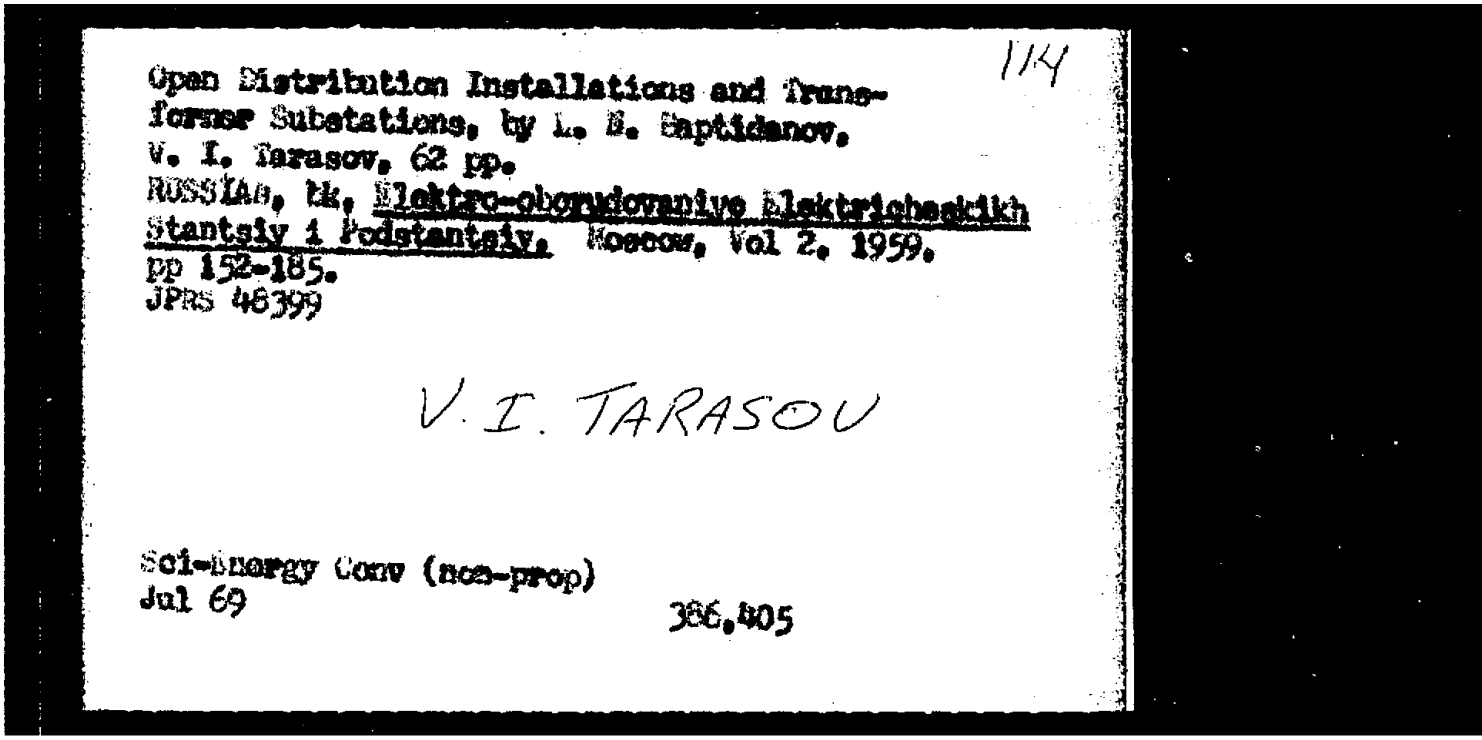

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Trans. of Promyshlennoe Stroitel'stvo (USSR) 1960 [v. 38] no. 7, p. 64.

DESCRIPTORS: Reinforced concrete, Beams, Release mechanisms, *Hoists, Construction

(Engineering--Civil, TT, v. 6, no. 11)

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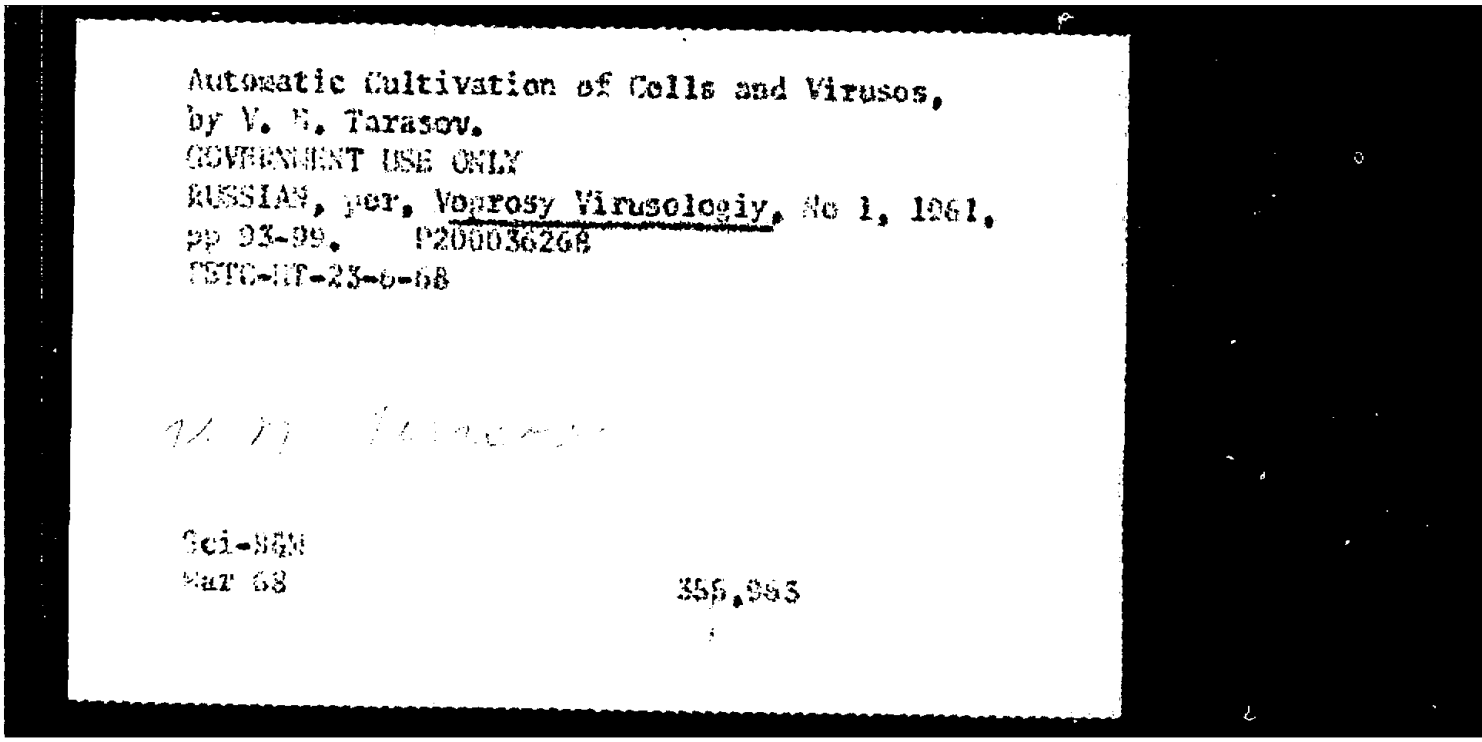

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pp 93-99. P200036268
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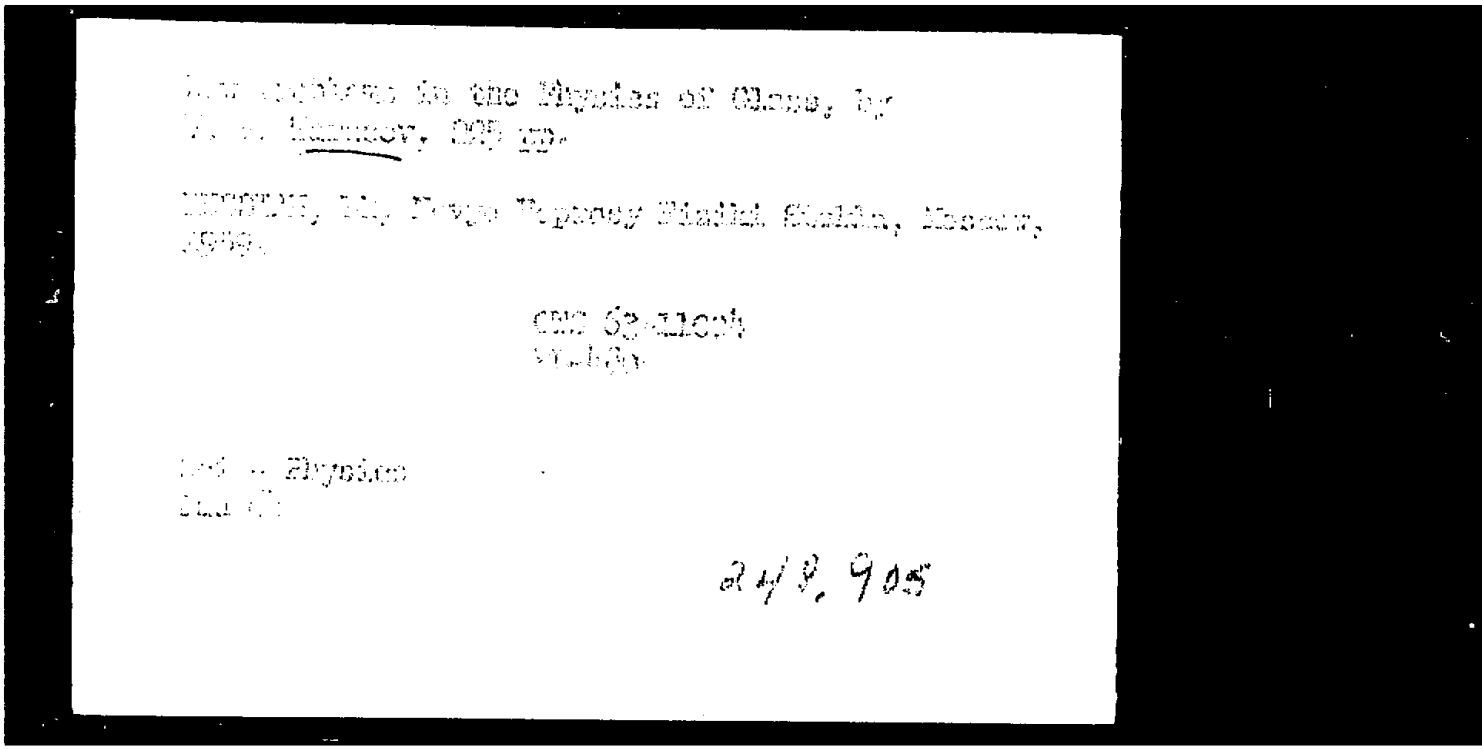

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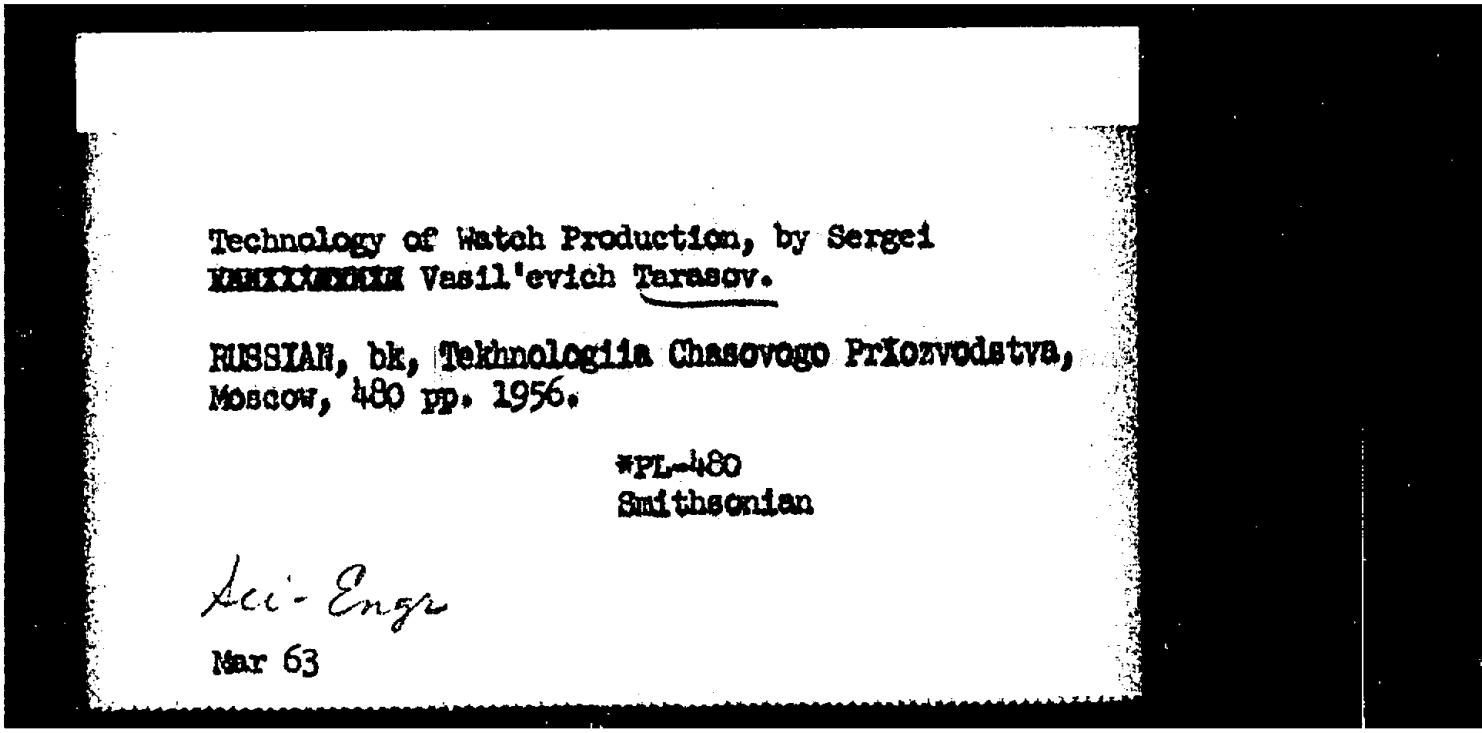

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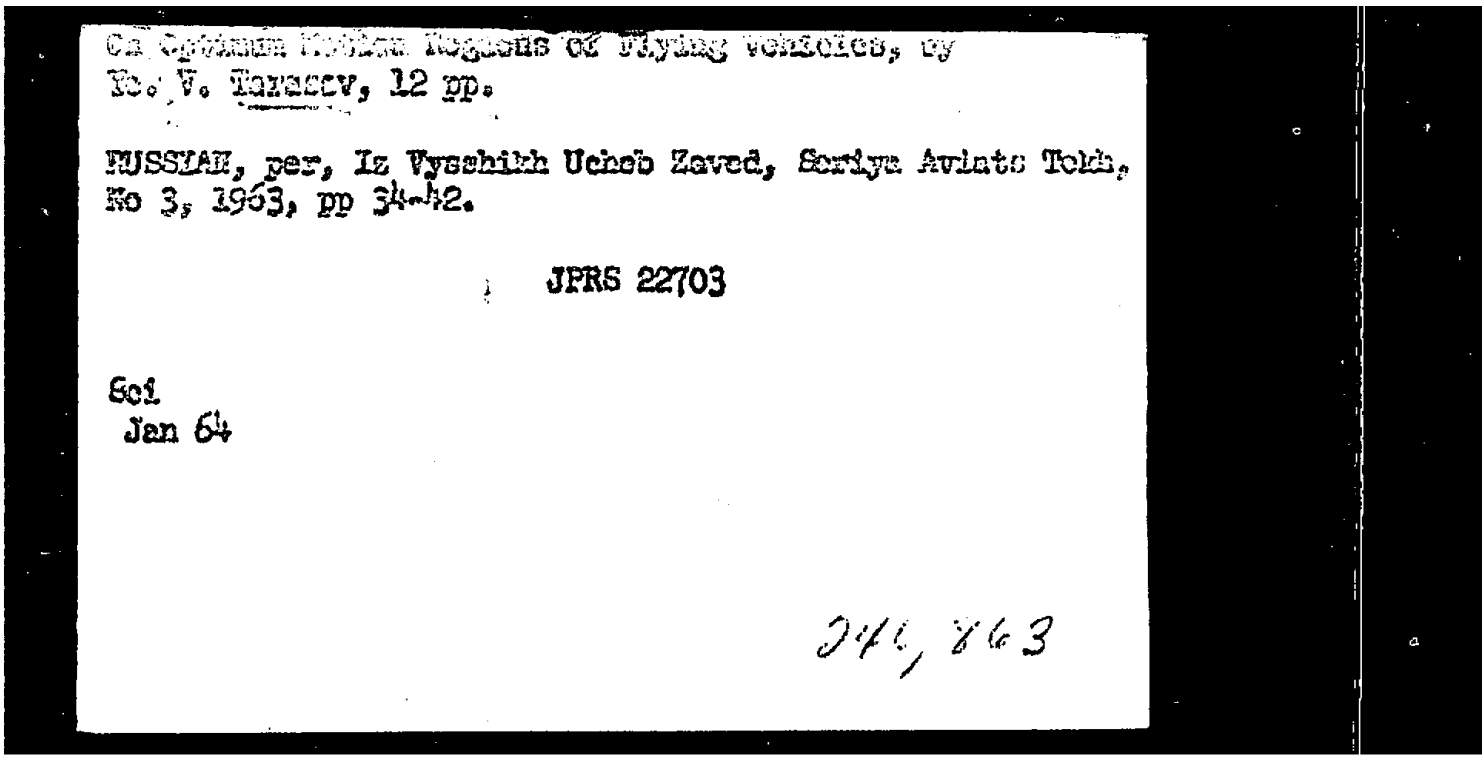

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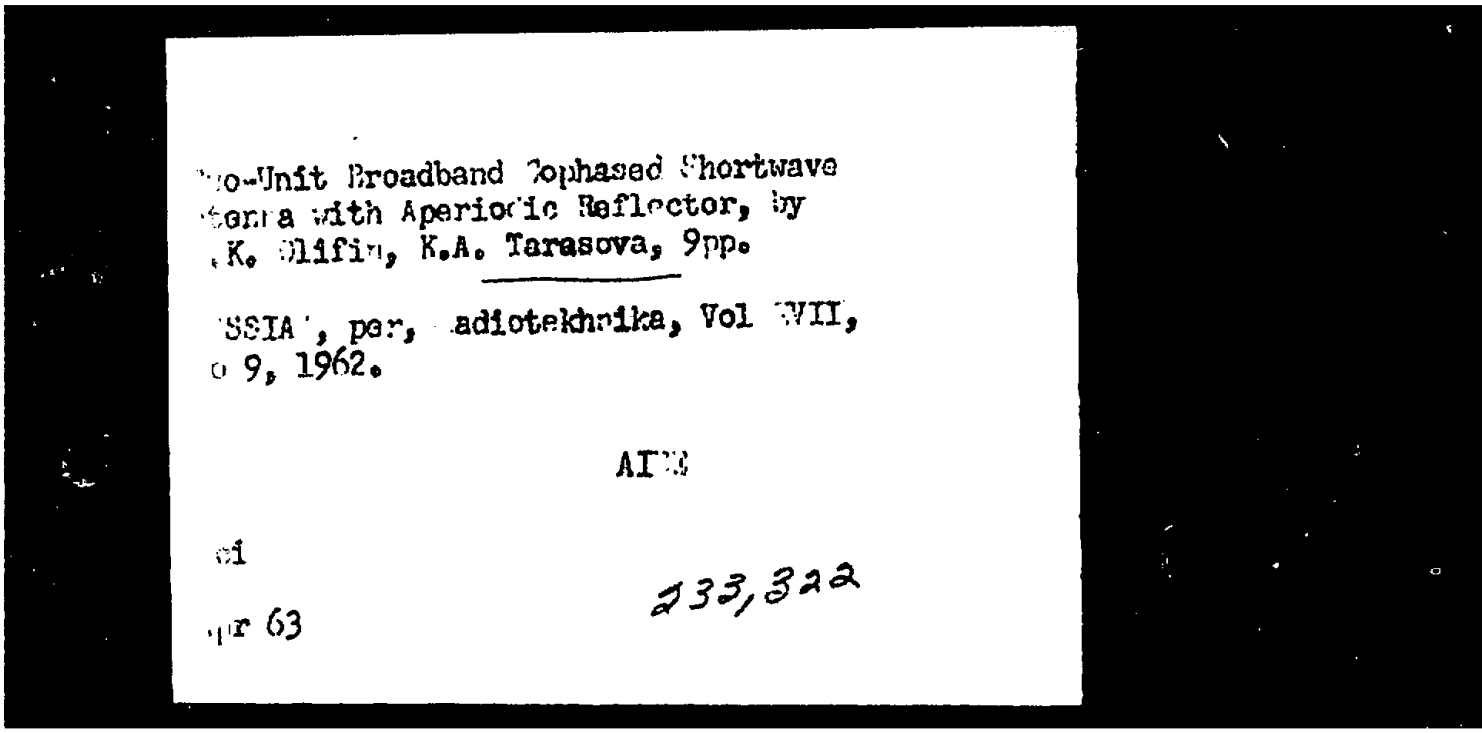

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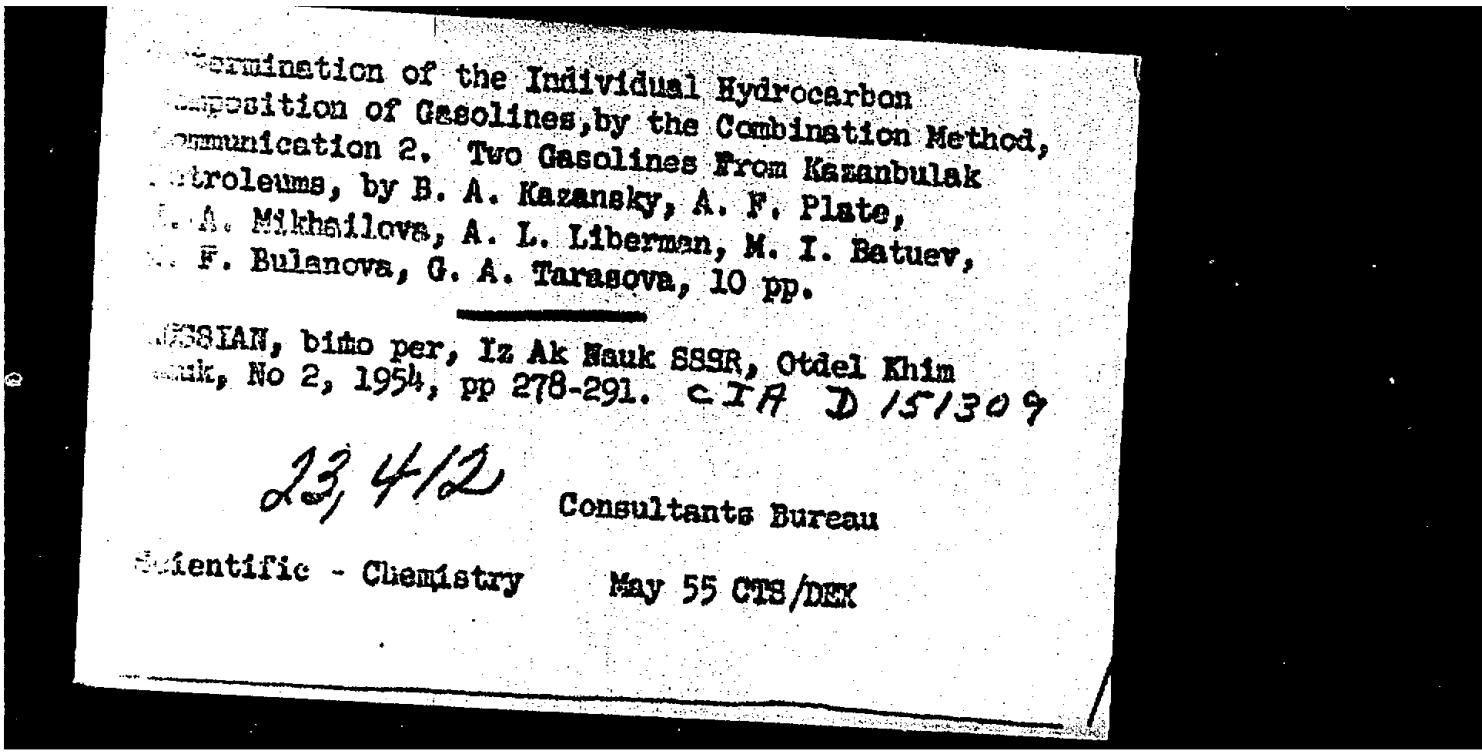

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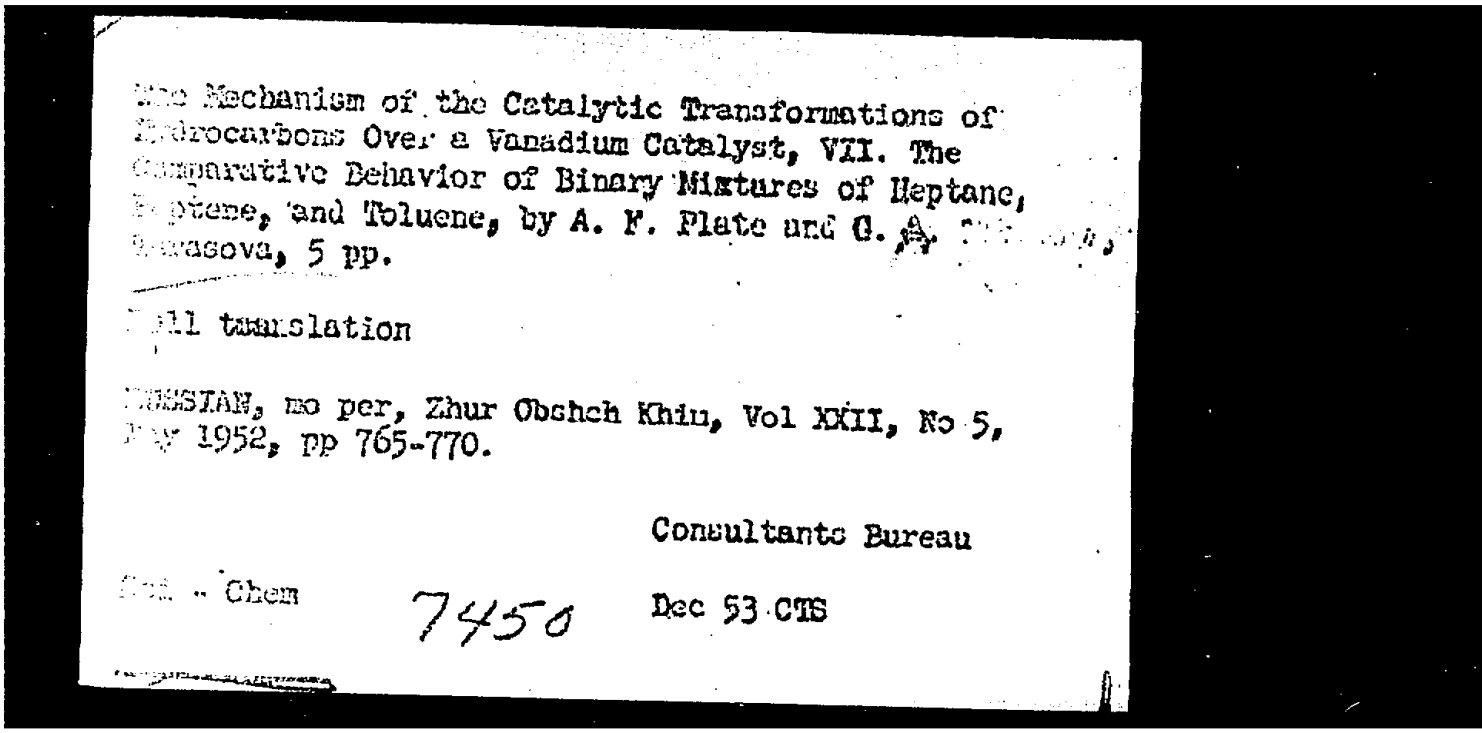

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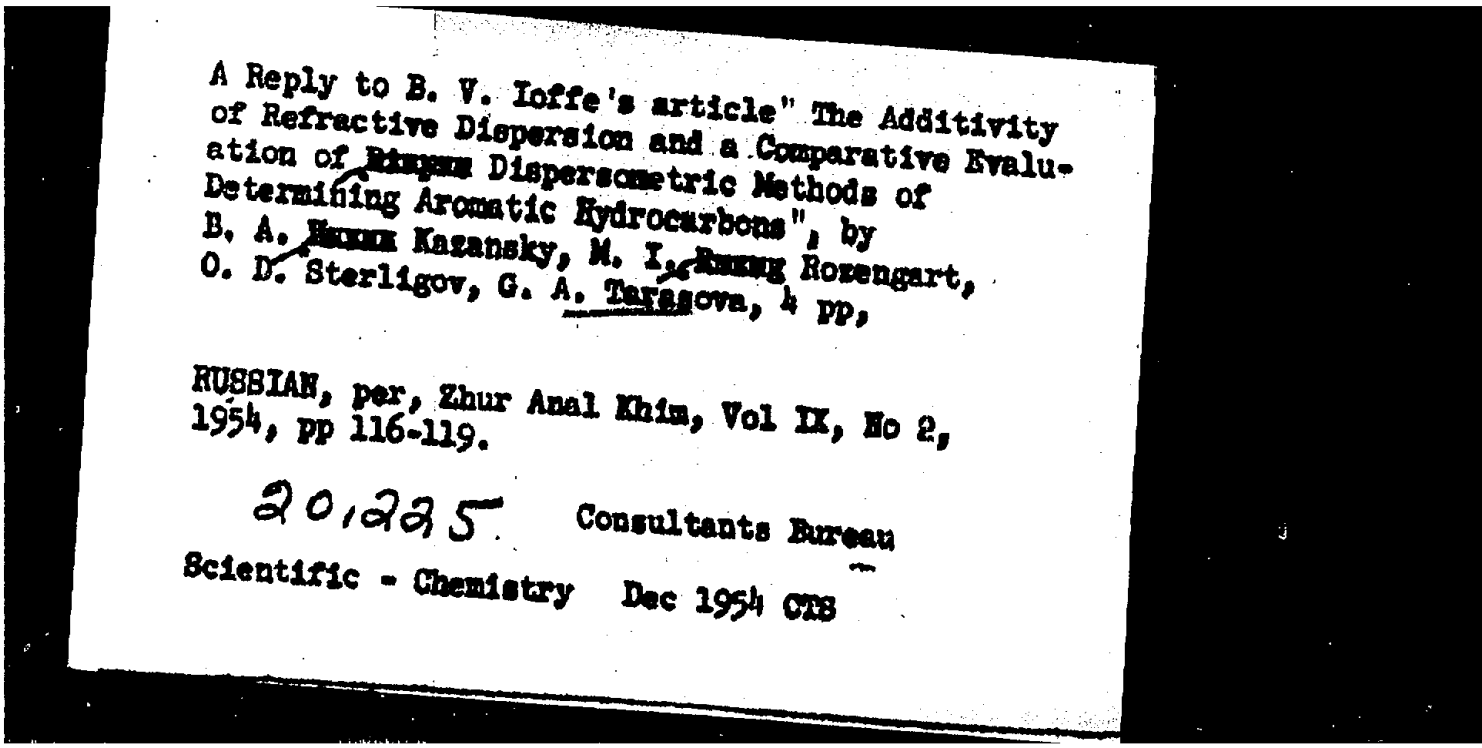

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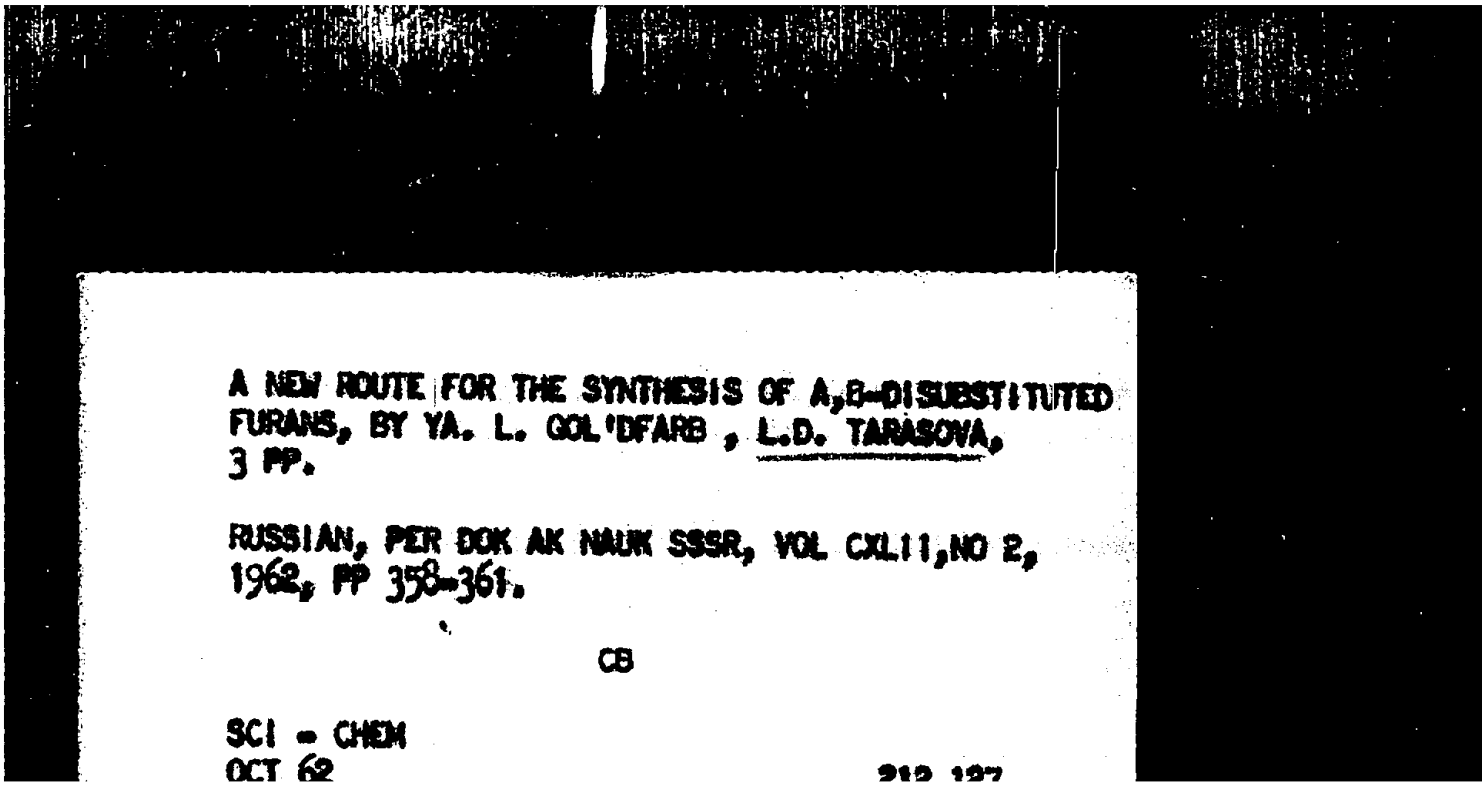

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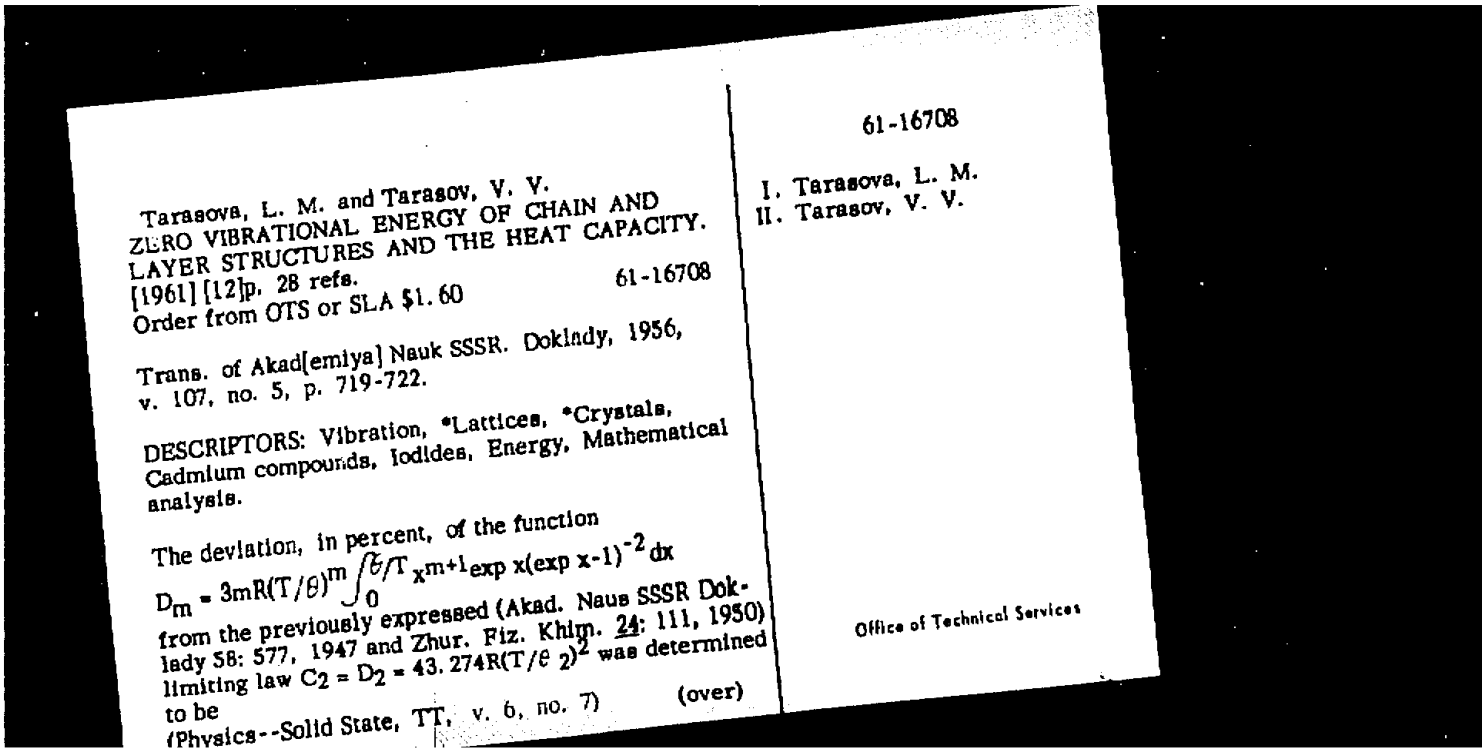

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Order from OTS or SLA $1.60

Trans. of Akad[emiya] Nauk SSSR. Doklady, 1956, v. 107, no. 5, p. 719-722.

DESCRIPTORS: Vibration, *Lattices, *Crystals, Cadmium compounds, Iodides, Energy, Mathematical analysis.

The deviation, in percent, of the function

$$D_m = 3mR(T/\theta)^m \int_0^{\theta/T} x^{m+1} \exp x (\exp x - 1)^{-2} dx$$

from the previously expressed (Akad. Naus SSSR Doklady 58: 577, 1947 and Zhur. Fiz. Khim. 24: 111, 1950) limiting law $C_2 = D_2 = 43.274R(T/\theta)^2$ was determined to be

(Physics--Solid State, TT, v. 6, no. 7) (over)

61-16708

I. Tarasova, L. M.
II. Tarasov, V. V.

Office of Technical Services

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$$(\Delta C/C) = \left\{[43.274 - 6\int_0^{\theta/T} x^3 e^x (e^x - 1)^{-2} dx] : 43.274\right\} 100.$$

Here $x = h\nu/kT$, and m = 1, 2 or 3. It is suggested that Dworkin, Sasmor and Van Artsdalen discontinued their measurements with CdI_2 (J. Am. Chem. Soc. 77: 1304, 1955) just when the T^2 law was beginning to be obeyed.

PB- 61-16708

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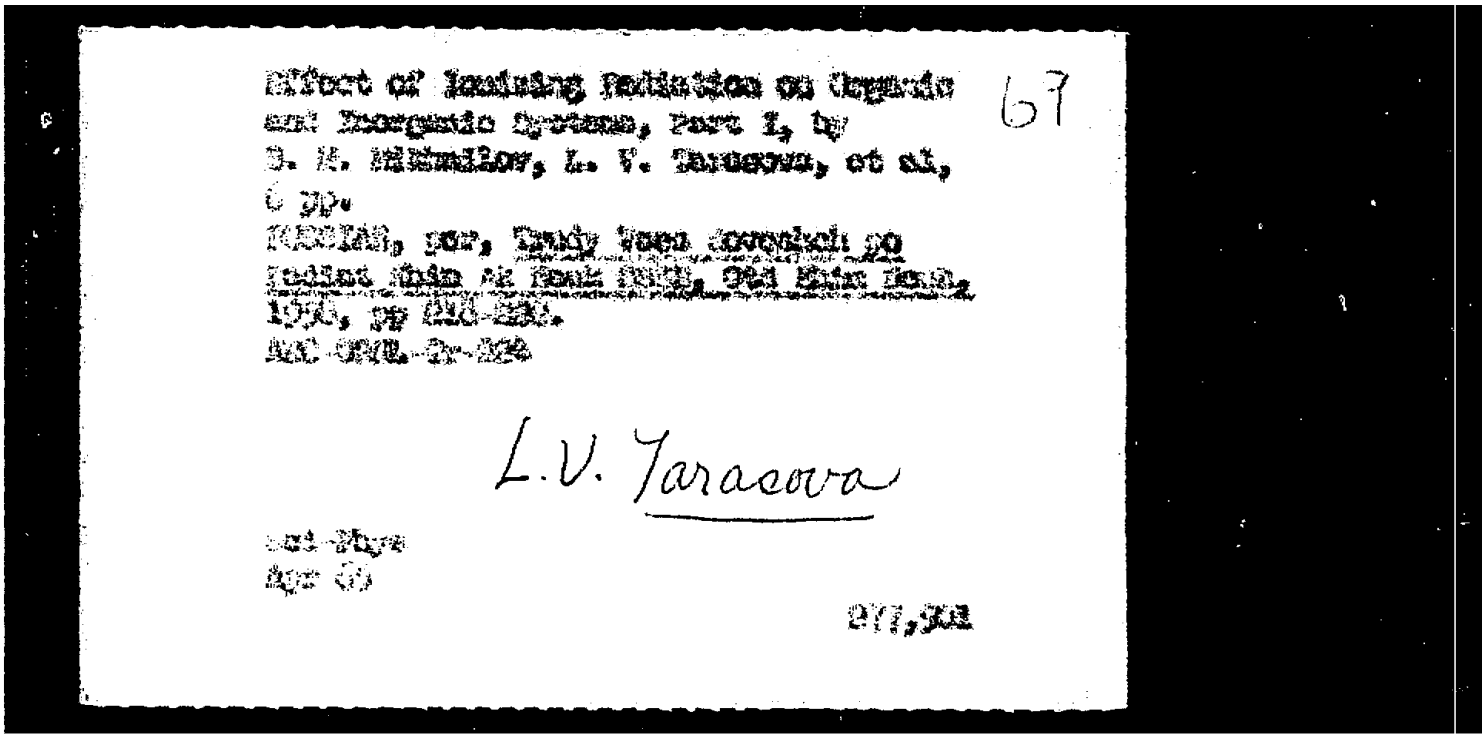

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